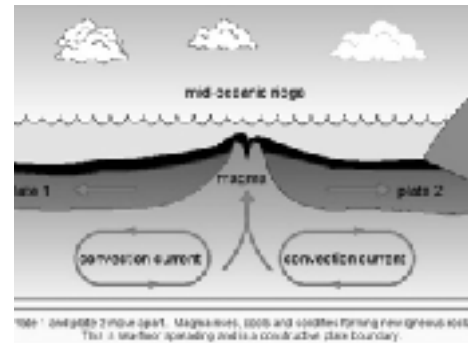
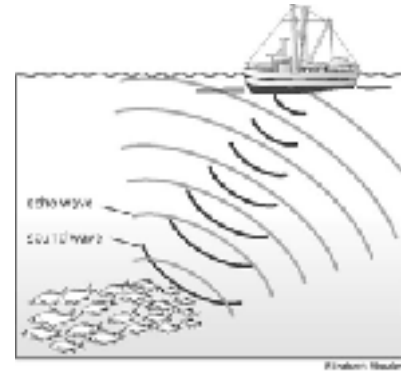


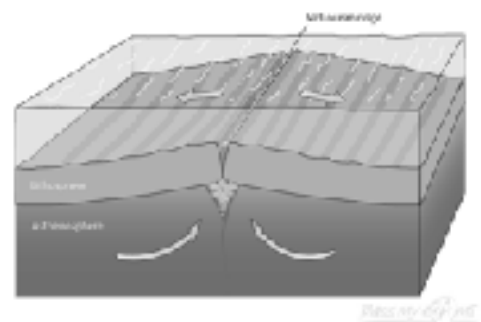
The longest chain of mountains in the world is the system of mid-ocean ridges.



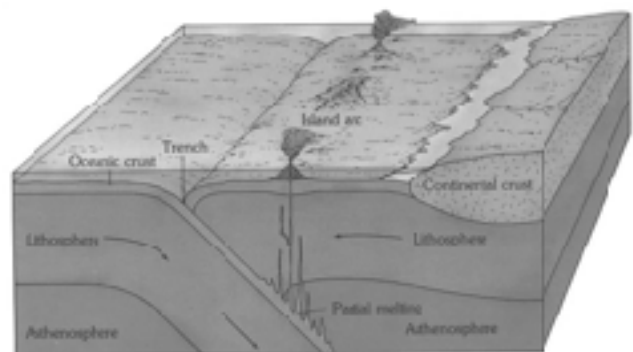
Sonar: a device that bounces sound waves off underwater objects and then records the echoes of these sound waves.



Sea-floor Spreading: The sea floor spreads apart along both sides of a mid-ocean ridge as new crust is added.



Deep-ocean Trench: The ocean floor sinks beneath deep underwater canyons called deep-ocean trenches.



**Subduction:** the process by which the ocean floor sinks beneath a deep-ocean trench and back into the mantle.

